To: 00215712738300

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Art Unit: 2819

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From: Winston Hsu, Registration No. 41,526

Serial No.: 10/709,198

Attorney Docket No.: REAP0009USA4

Subject: Information Disclosure Statement (IDS)

Total Pages: 6 pages (including cover page)

Winston Hsu 2005/09/05

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Under the Panenuck Participe Art of 15	U.S.	PTC/SB/21 (09-04 Approved for use through 07/31/2008. OMB 0851-003 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERC algotion of information unless il displays a valid QMB control numbe						
	Application Number	10/709,198						
TRANSMITTAL	Filing Date	04/20/2004						
FORM	First Named Inventor	Ying-Yao Lin						
	Art Unit	2819						
(to be used for all correspondence after init	Examiner Name	NGUYEN, LINH V						
Total Number of Pages in This Submission	5 Attorney Docket Number	REAP0009USA4						
ENCLOSURES (Check all that apply)								
	TITI	After Allowance Communication to TC						
Fee Transmittal Form	Drawing(s)							
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences						
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)						
After Final	Petition to Convert to a Provisional Application	Proprietary information						
	Power of Attorney, Revocation	n   ¬						
Affidavits/declaration(s)	Change of Correspondence A	Other Enclosure(s) (please Identify						
Extension of Time Request	Terminal Disclaimer	below):						
Express Abandonment Request	Request for Refund							
Information Disclosure Statement	CD, Number of CD(s)							
	Landscape Table on CD							
Certifled Copy of Priority	Remarks	· · · · · · · · · · · · · · · · · · ·						
Document(s)								
Reply to Missing Parts/ Incomplete Application								
Reply to Missing Parts under 37 CFR 1.52 or 1.53								
SIGN	ATURE OF APPLICANT, ATTO	RNEY, OR AGENT						
Firm Name	North America Intellectua	Property Corporation						
Signature	Signature Windows than							
Printed name Winston Hsu								
Date 09/05/2005 Reg. No. 41,526								
CERTIFICATE OF TRANSMISSION/MAILING								
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on								
the date shown below: Signature	Cinda Ini							
Typed or printed name	Cindy Lin  Cindy Lin	Date 09/05/2005						

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PTO/SB/17 /12-04\

Fees pursuant to the Effective or 1209000M.  FEE TRANSMITTAL FOR FY 2005  Application Number Filing Date O4/20/2004 First Named Inventor First Name Migure.  Application Number O4/20/2004 First Named Inventor First Name Migure.  Application Number Nigure.  Application Number Nome Nigure.  Application Number Nigure.  Application Number Nome Nigure.  Application Number Nigure.  Application Numb	Linder the Pane	work Reduction Act of	1995 no persons are re-	coulred to r		t and Trade	emark Office:	U.S. DEPAR	TMENT O	MB 0651-0032 F COMMERCE Control number
FEE TRANSMITTAL For FY 2005  Applicant dairns small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (\$) 0.00  Applicant dairns small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (\$) 0.00  Attorney Docket No. REAPO009USA4  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  Deposit Account Deposit Account Number 50-3105  Poposit Account Payment Account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Charge fee(s) indicated below. except for the filling fee  EXAMINATION FEES  Small Entity  Fee (s) Fe										
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Applicant claims small entity status. See 37 CFR 1.27   Art Unit	FEE TRANSMITTAL		Filing Date		04/20/2004					
Applicant claims small entity status. See 37 CFR 1.27   Art Unit			First Named In	ventor	Ying-Yao Lin					
METHOD OF PAYMENT (check all that apply)	101112000				Examiner Nam	e 1	NGUYEN, LINH V			
METHOD OF PAYMENT (check all that apply)  □ Check □ Credit Card □ Money Order □ None □ Other (please identify): □ Deposit Account Number 50-3105 □ Deposit Number 50-3105	Applicant of	daims small entity s	atus. See 37 CFR 1.	27	Art Unit		2819			
Check Credit Card Money Order None Other (please identify):    Deposit Account Deposit Account Number: 50-3105   Deposit Account Number: 50-3105   Deposit Account Number: North America Intellectual Property Corp.   For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)   Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filing fee   Charge fee(s) indicated below, except for	TOTAL AMOU									
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Charge any additional fee(s) or underpayments of fee(s)    Credit any overpayments	Va	narge fee(s) indicate	d below		Char	ne fee(s) in	dicated be	ow, except	for the f	iling fee
1. BASIC FILING, SEARCH, AND EXAMINATION FEES   FILING FEES   Small Entity   Fee (\$)   Fee (\$)	WARNING: Inform	narge any additional der 37 CFR 1.16 ar atton on this form m	fee(s) or underpayment d 1.17 ay become public. Cred		e(s) Credi	t any over	payments			_
Filing FEES   Small Entity   Small Entity   Fee (\$)   Fee (\$)	FEE CALCUL	ATION					**************			
Application Type	1. BASIC FILE		IG FEES			EXAMI				
Design   200   100   100   50   130   65				Fee (\$		Fee (\$			Fees Pa	id (\$)
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2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent  Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent  20 100  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$) Multiple Dependent Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20  Indep. Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof Fee (\$)  Fee Paid (\$)  Fee Pai	Reissue	300	150	500	250	600	300	-	·	
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APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity)  for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  -100 = /50 = (round up to a whole number) x  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other: submission of Information Disclosure Statement  Registration No. (Attorney/Agent)  Registration No. 41,526  Telephone 302-729-1562	HP = highest nun indep. Claims	nber of total claims paid Extra Cla	ims Fee (\$)	Fee F	Paid (\$)	res	<del></del>	ree Paro (S	— FI	
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Non-English Specification, \$130 fee (no small entity discount) Other: submission of Information Disclosure Statement  SUBMITTED BY  Signature  Registration No. 41,526  Telephone 302-729-1562	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)									
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Substitute for form 1449/PTO

Application Number.

## Filing Date 04/20/2004 INFORMATION DISCLOSURE First Named Inventor Ying-Yao Lin STATEMENT BY APPLICANT Art Unit 2819 (Use as many sheets as necessary) Examiner Name NGUYEN, LINH V Attorney Docket Number REAP0009USA4 Sheet 1 or 11

			U. S. PATENT	DOCUMENTS		
Examiner Initials*			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear	
	1	<sup>US-</sup> 2001/0006353 A1	07-05-2001	Setty, Suma	all	
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Cite No.1	Foreign Patent Document	IGN PATENT DOCU Publication Date	Name of Patentae or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
 	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	·	Or Relevant Figures Appear	T
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Examiner	11	Date	
Signature	1 (	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through dilation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usptg.com/www.usptg.c

the appropriate symbols as indicated on the document under which statistically appropriate symbols as indicated on the document under which statistically appropriate symbols as indicated on the document under which is to file (and by the Trenslation is attached.

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ying-Yao Lin et al.

Appl. No.: 10/709,198 Filing Date: 04/20/2004

Examiner: NGUYEN, LINH V Art Unit: 2819

Docket No.: REAP0009USA4

Title: LINEAR-IN-DECIBEL VARIABLE GAIN AMPLIFIER

To: Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

Subject: Information disclosure statement under 37 CFR \$1.56

Dear Sir,

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 CFR \$1.56. The applicant wishes to make of record the document(s) listed on the accompanying form PTO/SB/08.

Since this IDS is filed after the mailing date of the first Office action but before final Office action /notice of allowance, consideration of the information disclosure statement is hereby requested according to 37 CFR \$1.97(c).

That each item of information contained in the information disclosure statement was first cited in an Office communication mailed on <u>June 14, 2005</u> for the counterpart US

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Page: 6/6 Date: 2005/9/5 下午 03:12:44

patent application number  $\underline{10/709,197}$ , which are no more than three months prior to the filing of the information disclosure statement.

It is respectfully requested that the examiner can consider the document(s) listed on the accompanying form PTO/SB/08 and that it be made of record in the application. The applicants sincerely hope that the examiner initials the cited reference(s) on the form and that a copy of the initialed form be sent to the applicants with the next communication from the examiner.

Respectfully submitted,

Wentonbar

Date: September 05, 2005

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562 Facsimile: 806-498-6673

e-mail: winstonhsu@naipo.com

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